



# Clean Water Indiana

## Summary Report Accomplishments

**November 30, 2001 – September 30, 2004**

*For every dollar invested by the State  
the Clean Water Indiana Program generated  
\$2.45 to support local projects.*



## Summary Report

### Accomplishments of the Clean Water Indiana Program

December 7, 2004

#### Background:

In 1999, the Clean Water Indiana Program was created by a unanimous vote of the Indiana General Assembly by amending the Indiana District Law to add this program authority (IC-14-32-8). The purpose of the Clean Water Indiana Program is to provide assistance to help protect and enhance Indiana's streams, rivers and lakes by reducing the amount of polluted storm water runoff from urban and rural areas entering surface and ground water. The initial year the program received no funding. In 2001, Indiana legislators utilized Build Indiana Funds to appropriate \$1million per year for 2001 and 2002 to the program. Later that year, the \$1 million for 2002 reverted back into the Build Indiana Fund to help address the state's financial situation. During 2003, legislators introduced two bills to fund the Clean Water Indiana Program. Neither House Bill 1976 "Stewardship Fee on Bottled Water" nor House Bill 1875 "Increased Landfill Tipping Fees" passed.

#### Purpose of this Report:

This report provides a summary of how the \$1 million dollars appropriated by Indiana legislators from the Build Indiana Fund for the Clean Water Indiana Program were administered and utilized.

#### Administration of the Clean Water Indiana Funds:

The DNR-Division of Soil Conservation administered the funds under the direction of the State Soil Conservation Board. The Board established a policy that all Clean Water Indiana Funds would be used for local projects that had direct benefit to water quality. The Division worked closely with the Indiana Association of Conservation Districts, Inc. to develop a formula for awarding Clean Water Indiana funds to local soil and water conservation districts based on the amount of local match (county funding for district programs) the respective districts received at that time. The districts were required to submit a Clean Water Indiana Project(s) proposal for approval by the State Soil Conservation Board. The average Clean Water Indiana Grant award per district was \$9,500. All 92 soil and water conservation districts received a grant with the minimum being \$7,000 and the maximum being \$20,470.

#### How the funds were used:

As illustrated in Table 1, SWCDs utilized \$835,007 in Clean Water Indiana Funds to implement local projects. In addition, they committed nearly \$241,000 of their funds and partnered with others for over \$956,600 in cash and in-kind support. For a listing of the contributing partners see Table 7. The remaining funds (\$164,993) are reserved for a portion of the state required match for the Conservation Reserve Enhancement Program which anticipates funding this year from USDA. The districts used the grant money in four basic areas; cost-share/incentives for applying conservation practices; purchase of equipment for the purpose of renting it to land users for applying conservation practices; contracting for technical assistance to survey, design, and oversee construction of conservation practices and non-point source pollution prevention related information materials, planning assistance and projects. The following Tables 2 through 5 summarize the accomplishments in each of these areas. Table 6 highlights the types of non-point source pollution problems that local Clean Water Indiana projects addressed.

#### Table 1: Project Expenditures

Clean Water Indiana Funding Utilized by SWCDs for Local Projects	\$ 835,007
SWCD Contributions to Projects	\$ 240,894
Funds From Other Sources	\$ 760,600
<b>Total Project Cash Expenditures</b>	<b>\$1,836,501</b>
Estimated In-Kind Matches to CWI Projects (Services, Goods, Labor)	\$ 196,068
<b>Total Estimated investment in Local CWI Projects</b>	<b>\$2,032,569</b>
Clean Water Indiana Funding to be Utilized for Indiana CREP Match	\$ 164,993

**Table 2: Accomplishments -cost-sharing/incentives to urban and agricultural land users**

Ag Chemical Runoff Control Facilities	1	total facilities	1	project	1	SWCD
Critical Seeding Areas	65.74	total acres	28	projects	7	SWCDs
Cropland Conversions To Grass Incentives	174.4	total acres	6	projects	2	SWCDs
Dry Stack Composting Facilities	3	total facilities	3	projects	2	SWCDs
Erosion Control Blanket Installations	16,531	total feet (3.1 mi.)	6	projects	1	SWCD
Erosion Control Structures	6	Structures	5	projects	3	SWCDs
Forested Riparian Buffers	71,874	total feet (13.6 mi.)	7	projects	3	SWCDs
Grade Stabilization Structures	2	total structures	2	project	2	SWCD
Grassed Waterways	41,644	total feet (7.9 mi.)	15	projects	8	SWCDs
Heavy Use (Livestock) Area Protection	1.9	total acres	2	projects	2	SWCDs
Livestock Exclusion Fencing	75,564	total feet (14.3 mi.)	18	projects	10	SWCDs
Livestock Watering Systems	4,570	total feet of pipe	9	projects	8	SWCDs
Manure Application Management	152	total acres	1	project	1	SWCD
Manure Storage Facilities	1	Facilities	1	project	1	SWCD
Manure Nutrient Testing	73	Tests	46	projects	2	SWCDs
MS4/Urban Run-Off Reductions	2.8	total acres	1	project	1	SWCD
No-Till Planning Incentive Payments	2,055.2	total acres of no-till	22	projects	2	SWCDs
Pasture Renovations/Establishments	901.8	total acres	55	projects	11	SWCDs
Pesticide & Nutrient Management Plans	1,301	total acres	6	projects	1	SWCD
Sinkhole Stabilization	1	total acre	1	project	1	SWCD
Spring Developments	130	total acres	9	projects	4	SWCDs
Storm Drain Filter (Urban) Installations	20	total drain filters	1	project	1	SWCD
Streambank Stabilization	3,320	total feet	6	projects	6	SWCDs
Terraces	4,100	total feet	1	project	1	SWCD
Urban Stream Stabilization/Management	52.5	total acres	3	projects	3	SWCDs
Vegetated Field Borders	151,806	total feet (28.8 mi.)	53	projects	9	SWCDs
Vegetated Filter Strips	226,241	total feet (42.9 mi.)	25	projects	12	SWCDs
Warm Season Grass Seeding	127.9	total acres	5	projects	3	SWCDs
Waste Impoundment (Livestock) Closures	1	total closures	1	project	1	SWCD
Water & Sediment Control Structures	368.5	total acres protected	12	projects	4	SWCDs
Well Plugging	31	total wells plugged	25	projects	8	SWCDs
Wetland Restorations/Enhancements	58.9	total acres	4	projects	3	SWCDs
Wetland Septic Systems	1	Total systems	1	project	1	SWCD

**Table 3: Accomplishments – rental equipment purchased to apply conservation practices**

Aerator Usage	200	total acres	5	projects	1	SWCD
Crimper Usage	45	total acres	12	projects	2	SWCDs
Earthscraper Usage (Waterway Prep)	206	total hours	11	projects	1	SWCD
Harrow Usage	2,500	total acres	50	projects	1	SWCD
No-Till Drill Usage	3,896	total acres	58	projects	3	SWCDs
No-Till Tobacco Setter	100	total acres	10	projects	1	SWCD
Seeder Usage	412	total acres	59	projects	5	SWCDs
Tree Planter Usage	21,534	total trees	10	projects	2	SWCDs
Strawblower Usage	612	total acres	137	projects	4	SWCDs
Warm-Season Grass Drill Usage	1,958.9	total acres	140	projects	5	SWCDs

**Table 4: Accomplishments - contracted technical assistance for surveying, designing and overseeing construction of conservation practices**

<b>Number of Contracted Technicians</b>			<b>17</b> individuals	<b>15</b> SWCDs
<b>Technical Assistance Provided</b>				
Conservation Planning/ Status Reviews	<b>417</b>	plans/reviews	<b>417</b> projects	<b>1</b> SWCD
Discharge Overflow Structures	<b>5</b>	structures	<b>5</b> projects	<b>1</b> SWCD
Diversions	<b>5</b>	diversions	<b>5</b> projects	<b>1</b> SWCD
Drainage Catch Basins	<b>1</b>	basin	<b>1</b> project	<b>1</b> SWCD
Drop Pipe Structures	<b>30</b>	drop structures	<b>30</b> projects	<b>2</b> SWCDs
Filter Strips	<b>119</b>	filter strips	<b>115</b> projects	<b>4</b> SWCDs
Grade Stabilization Structures	<b>77</b>	structures	<b>77</b> projects	<b>2</b> SWCDs
Livestock Exclusion Fencing	<b>7</b>	fencing systems	<b>7</b> projects	<b>1</b> SWCD
Livestock Watering Systems	<b>15</b>	watering systems	<b>14</b> projects	<b>1</b> SWCD
Pasture Renovations/Establishments	<b>80</b>	establishments	<b>14</b> projects	<b>1</b> SWCD
Pipe Drops	<b>2</b>	pipe drops	<b>2</b> projects	<b>2</b> SWCDs
Rock Chutes	<b>5</b>	chutes	<b>5</b> projects	<b>1</b> SWCD
Rule 5 (Urban Erosion) Plan Reviews	<b>91</b>	plan reviews	<b>91</b> projects	<b>2</b> SWCDs
Small Subdivisions (Urban) Plan Reviews	<b>19</b>	plan reviews	<b>19</b> projects	<b>1</b> SWCD
Spring Developments	<b>1</b>	development	<b>1</b> project	<b>1</b> SWCD
Storm Water Drain Stenciling/Markings	<b>521</b>	stenciling/markings	<b>30</b> projects	<b>4</b> SWCDs
Stream Crossings	<b>2</b>	crossings	<b>2</b> projects	<b>1</b> SWCD
Aluminum Erosion Control Structures	<b>106</b>	structures	<b>105</b> projects	<b>5</b> SWCDs
Terraces	<b>3</b>	terraces	<b>3</b> projects	<b>1</b> SWCD
Toe Wall Structures	<b>2</b>	structures	<b>2</b> projects	<b>1</b> SWCD
Water & Sediment Control Basins	<b>113</b>	basins	<b>113</b> projects	<b>5</b> SWCDs
Waste Storage (Livestock) Structures	<b>5</b>	structures	<b>5</b> projects	<b>1</b> SWCD
Waterways	<b>453</b>	waterways	<b>437</b> projects	<b>11</b> SWCDs
Wetlands Restorations	<b>12</b>	restorations	<b>12</b> projects	<b>2</b> SWCDs
Windbreaks	<b>1</b>	windbreak	<b>1</b> project	<b>1</b> SWCD

**Table 5: Accomplishments -public information materials/assistance on pollution prevention**

Watershed Management Plans	<b>50,086</b>	total acres	<b>4</b> project	<b>1</b> SWCD
Stormwater Drain Stenciling/Marking	<b>10,340</b>	labeled inlets	<b>13</b> projects	<b>9</b> SWCDs
Urban Waste Recycling Facility	<b>1</b>	facility	<b>1</b> project	<b>1</b> SWCD

**Table 6: Nonpoint Source Pollution Problems addressed by the project accomplishments**

Ag. Land Run-Off	<b>31</b>	SWCDs
Erosion	<b>61</b>	SWCDs
Nutrient Management	<b>32</b>	SWCDs
Pathogens	<b>5</b>	SWCDs
Pesticides	<b>19</b>	SWCDs
Sedimentation	<b>22</b>	SWCDs
Septic Effluence	<b>1</b>	SWCD
Streambank Erosion	<b>7</b>	SWCDs
Urban Run-Off (MS4)	<b>13</b>	SWCDs
Waste & Manure Management	<b>16</b>	SWCDs
Wildlife Habitat Quality/Degradation	<b>5</b>	SWCDs

**Table 7: Partners providing cash and/or in-kind support for the projects**

	(# of SWCDs Working with each Partner listed)	
<b>Landowners/Land Users</b>	<b>92</b>	
<b>Commercial Firms</b>	<b>18</b>	
<b>Indiana Farm Bureau, Inc.</b>	<b>1</b>	
<b>Federal</b>		
Natural Resources Conservation Service	92	
RC&D	2	
US Fish & Wildlife	1	
<b>State</b>		
IDNR Division of Soil Conservation	92	
Purdue Cooperative Extension Service	92	
IDEM	7	
IDNR - Fish & Wildlife	1	
<b>County</b>		
County Commissioners and/or Councils	92	
Drainage Boards	2	
Health Departments	1	
Park Departments	2	
Solid Waste Management Districts	1	
<b>City or Town</b>		
General	6	
Park Departments	3	
Subdivisions	1	
Zoos	1	
<b>Conservation Organizations</b>		
Conservation Clubs	2	
Ducks Unlimited	1	
Keep Indianapolis Beautiful	1	
Pheasants Forever	5	
Quail Unlimited	2	
River Commissions	2	
Turkeys Unlimited	1	
<b>Educational Groups</b>		
Elementary Schools	1	
High Schools	1	
Universities	1	
<b>Youth Groups</b>		
Boy Scouts	3	
FFA Organizations	1	
Girl Scouts	1	
Funds From Other Sources		\$760,600
Estimated In-Kind Matches to CWI Projects (Services, Goods, Labor)		\$196,068
<b>Total Contributions from Partners Listed Above</b>		<b>\$956,668</b>